

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring) and damascene and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:29
L2	0	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring) and damascene and copper and (438/108.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:33
L3	5	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring) and damascene and copper and (438/132,467,613.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:34
S1	0	interconnect and fuse and (metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and etch and "BARC" and ("low-k" or "OGS") and (copper or aluminum) and seed and electrochemical and "CMP" and ("silicon carbide" or "silicon nitride") and angstrom	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/09 13:10
S2	0	interconnect and fuse and (metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and etch and "BARC" and (copper or aluminum) and seed and electrochemical and "CMP" and ("silicon carbide" or "silicon nitride") and angstrom	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/09 13:11
S3	4	interconnect and fuse and (metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and etch and "BARC" and (copper or aluminum) and "CMP" and ("silicon carbide" or "silicon nitride") and angstrom	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/09 13:13

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S4	325	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 13:27
S5	2	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and "BARC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 13:30
S6	2	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and "OSG"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:09
S7	308	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:21
S8	2	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "BARC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:22

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S9	16	fuse and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:46
S10	135	(fuse or link) and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 14:51
S11	29	(fuse or link) and interconnect and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating" and "BARC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:01
S12	15	(fuse or link) and "metal interconnect" and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating" and "BARC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:02

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S13	1	fuse and "metal interconnect" and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating" and "BARC"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 15:03
S14	2	fuse and "metal interconnect" and (copper or aluminum or metal or conduct\$4) and (dielectric or oxide or insulat\$4) and (trench or via or hole or open\$3) and link and ("etch stop" or "silicon carbide" or "silicon nitride") and ((first or primary or one same second or two or plural\$4 or multi) same (dielectric or oxide or insulat\$4)) and "anti reflective coating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:44
S15	1	fuse and "metal interconnect" and "BARC" and "OSG"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:45
S16	1	fuse and "metal interconnect" and "BARC" and ("OSG" or "organo-silane glass" or "silicon oxide") and carbon and fluorine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:47
S17	152	"BARC" and ("OSG" or "organo-silane glass" or "silicon oxide") and carbon and fluorine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:50
S18	216779	"BARC" and ("OSG" or "organo-silane glass" or "silicon oxide") and carbon and fluorine and fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:47

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S19	1	"BARC" and ("OSG" or "organo-silane glass" or "silicon oxide") and carbon and fluorine and fuse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:47
S20	12	"BARC" and ("OSG" or "organo-silane glass" or "silicon oxide") and carbon and fluorine and (fuse or link)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:49
S21	671	"BARC" and ("OSG" or "organo-silane glass" or "silicon oxide")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/09 16:49
S22	826	fuse near4 interconnect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 14:10
S23	140	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 08:04
S24	26	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and ring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 08:04
S25	18	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 08:11
S26	1	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring) and BARC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 08:11

## EAST Search History

S27	18	(fuse near4 interconnect) and . (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 08:23
S28	12	(fuse near4 interconnect) and (metal near4 interconnect) and (dielectric or oxide or insulator) and (trench or open\$3 or via or hole) and (guard near4 ring) and damascene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/20 10:27